

USCMS Engineer Status Report for October 2003

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1 Work Performed This Month

1) Calorimetry redesign is in progress. Calorimetry has been redesigned according to the CMS coding rules, a number of bugs in HCAL have been fixed, documentation has been improved, CaloDaq* subpackages has been documented. 2) next 1M of events from different datasets has been produced and analyzed. 3) paper for NEC2003 proceedings has been done. 4) Installations on new TeraGrid and NERSC clusters are going on. 5) ORCA IA64 porting is on going.

2 Status of Deliverables

1) Calorimetry redesign is in progress. Calorimetry has been redesigned according to the CMS coding rules, a number of bugs in HCAL have been fixed, documentation has been improved, CaloDaq* subpackages has been documented. 2) next 1M of events from different datasets has been produced and analyzed. 3) paper for NEC2003 proceedings has been done. 4) Installations on new TeraGrid and NERSC clusters are going on. 5) ORCA IA64 porting is on going.

3 Plans For Next Month

1) Calorimetry redesign. 2) next 1M of events will be produced and analyzed 3) APFA4 conference presentations 4) software for the NPACI and NERSC

grants will be installed and tested 5) IA64 porting will be moving ahead.

4 Longer Term Plans

- 1) Calorimetry redesign.
- 2) next 1M of events will be produced and analyzed
- 3) statistical analysis of our tasks on platinum will be done until New Year